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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q92718

Haruo IMAWAKA, et al.

Appln. No.: 10/564,720

Group Art Unit: 1621

Confirmation No.: 1473

Examiner: Not yet assigned

Filed: January 17, 2006

For: BRANCHED CARBOXYLIC ACID COMPOUND AND USE THEREOF

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
U.S. Appl. No.: 10/564,720

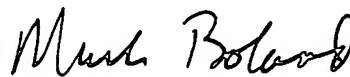
filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: October 20, 2006

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*Complete if Known*

Application Number	10/564,720
Confirmation Number	1473
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First Named Inventor	Haruo IMAWAKA
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		XP-002396106 (1977) ARZNEIM. FORSCH., Vol. 27 (Abstract)	
		B. Dobner et al. (XP-002396107 (1991) "Syntheses of deuterium-labeled methyl-branched fatty acids", CHEMISTRY AND PHYSICS OF LIPIDS (Abstract)	
		M. G. Zalinyan et al., XP-002396108 (1965) " Synthesis of unsaturated .delta.-lactones. II. Synthesis and reactions of 3-alkyl (benzyl) -6-methyl-3,4-dihydro-.alpha.-pyrones", IZVESTIYA AKADEMII NAUK ARMYANSKOI SSR (Abstract)	
		XP-002396109 (1969), BULL. ACAD. SCI. USSR DIV. CHEM. SCI. (Abstract)	
		Herbert Koch et al., XP-002396110 (1965), "Dicarboxylic acids from undecylenic acid by carboxylation with acid catalysts", BRENNSTOFF-CHEMIE (Abstract)	
		XP-002396111 (1970) J. ORG. CHEM. USSR, No. 6 (Abstract)	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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		XP-002396112 (1961) (Abstract)	
		XP-002396113 (1949) J. AM. CHEM. SOC., Vol. 71 (Abstract)	
		XP-002396123 (1961) Journal of Organic Chemistry, Vol. 26 (Abstract)	
		John C Roberts et al., XP-008068105 (1950) "Synthesis of Potential Antibacterial Agents. Part I. Some $\alpha$ -Alkylglutaric Acids and Their Derivatives", Journal of the Chemical Society, pp. 2842-2845	
		J. W. et al., XP-002396114 (1981) "A dual role for GABA in quasi-morphine abstinence behavior induced by di-n-propylacetate involving both initiation and termination", PSYCHOPHARMACOLOGY (Abstract)	
		Kochen W. et al., XP-002396115 (1984) "Five doubly unsaturated metabolites of valproic acid in urine and plasma of patients on valproic acid therapy", Journal of Clinical Chemistry and Clinical Biochemistry" (Abstract)	

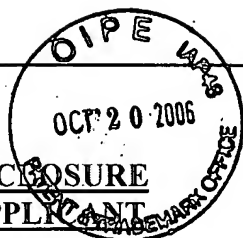
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

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		Kelem et al., XP-002396116 (1990) "Metabolic profiling of valproic acid in patients using negative-ion chemical ionization gas chromatography-mass spectrometry", Journal of Chromatography (Abstract)	
		G. I. et al., XP-002396117 (1961) "Free radical addition of carboxylic acids to vinyl and allyl acetates", DOKLADY AKADEMII NAUK SSSR (Abstract)	
		A. L. Voitsekhovskaya et al., XP-002396118 (1970) "Substituted lactones and their reactions. XV. Formation of .alpha.-alkyl-.delta.-methyl-.delta.-valerolactones from cyanoethylalkylacetoacetic esters", Zhurnal Organicheskoi Khimii (Abstract)	
		Anthony J. Manny et al., XP-002396119 (1997) "Reinvestigation of the sulfuric acid-catalyzed cyclization of brominated 2-alkyllevulinic acids to 3-alkyl-5-methylene-2(5H)-furanones", Tetrahedron (Abstract)	
		Salomon Piekarski et al., XP-008068112 (1961) "No 218. — Dérivés $\alpha$ -substitués des acides aliphatiques normaux à longue chaîne III. — Acides $\alpha$ -alkyllévuliques et $\alpha$ -alkyl $\beta$ -acétylglycuriques" (Abstract)	No
		XP-002396120 (1977) JOURNAL OF ORGANIC CHEMISTRY, Vol. 42, No. 15 (Abstract)	

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		XP-002396121 (1960) J. PRAKT. CHEM., Vol. 10 (Abstract)	
		XP-002396122 (1961) AUST. J. CHEM., Vol. 14 (Abstract)	
		Supplementary European Search Report dated September 8, 2006	

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